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Title: Coronary virus RNA interference preparation for severe acute respiratory syndrome pathogen

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Abstract

The present invention develops RNA interference preparation for resisting coronavirus of SARS based on RNAi molecular principle. The preparation contains several groups of Inog-stranded RNA or DNA (dsRNA or dsDNA) corresponding to coronavirus gene matter, and small segment RNA or DNA (siRNA or siDNA). The said RNA or DNA includes SEQ ID No.1-SEQ ID No.80 (siRNA or siDNA) and long-stranded RNA or DNA (dsRNA or dsDNA) synthesized with SEQ ID No.19-SEQ ID No.116 and through PCR and RNA in vitro synthesis. The preparation of the present invention may be used in the prevention, diagnosis and treatment of SARS, and has obvious effect and short development period.